

PROJECT NUMBER: 1313
PROJECT TITLE: Semiworks Process Development
PROJECT LEADER: W. G. Sanderson
PERIOD COVERED: June, 1988

A. Objective: Provide engineering and technical support to improve the performance and efficiency of the Semiworks operation.

B. Results:

Kaymich Flavor Dispensing Unit (Nguyen/Osmalov) - The delivery of the first Kaymich Flavor Dispensing Unit was delayed approximately two weeks with the current expected delivery date now being July 19, 1988.

Kaymich personnel will review the installation procedure of this unit and assist in the installation planned for July 20, 1988. The unit will be installed on a MK9/MAXS cigarette making module that is configured to produce Marlboro Lights-type cigarettes.

Second Aftercut Flavor Application System - Semiworks Primary (Nguyen) Job order request numbers were received for the second aftercut flavor application system/mixing cylinder conversion project. Equipment procurement and installation preparations are underway to meet a scheduled completion date of mid-November, 1988. The second aftercut flavor application system will reduce downtime between runs required for cleaning and improve operating flexibility.

Overtipping Improvement Program - Semiworks Make/Pack (Osmalov) - A program was initiated to improve the overtipping process in the Semiworks make/pack. Simply stated, the existing problem is the lack of a consistent fiber tearing bond between the overtipping paper and the cigarette to which it is attached. The overtipping process is used to mask brand names for subjective cigarette comparison testing. A weak bond between the overtipping and the cigarette might allow a panelist to peel back the overtipping, expose the brand name, and possibly bias the evaluation.

C. Plans: Continue with the mixing cylinder/second aftercut flavor application system conversion. Transfer the technology developed for the TLA primary process to the Semiworks small scale primary operation. Define optimum operating specifications and/or materials to improve the overtipping process.

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